

Remarks

Restriction Requirement

The claims were restricted into V groups. The applicant hereby elects **Group I** (claims 2 to 5, 10 to 11, 23 to 26, and 34 to 40).

Election of Species

In view of the election of Group I, the Applicant makes the following election of species *without traverse* for purpose of assisting the Examiner's search of the prior art:

- (a) the species of **claim 4** (homologous first and second nucleic acids);
- (b) the species of **claim 11** (coupling mono- and oligonucleotides, etc.);
- (c) the species of **claim 23** (hybridization *in vitro*);
- (d) the species of **claim 25** (using polymerase)
- (e) the species of **claim 36** ("at least 3 oligonucleotide member types").
- (f) the species of **claim 39** (homologous members in equimolar amounts).

The Applicant requests that a Notice of Allowance issue shortly. If there are any questions, please feel free to email cfan@diversa.com or call (858) 526-0348 or Elizabeth Conaughton, the Docketing Administrator, at (858) 526-5114.

Respectfully submitted,



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Calvin Fan
Reg. No. 38,444

DIVERSA CORPORATION
Intellectual Property Department
P.O. Box 910550
San Diego, CA 92191-0550
Tel: (858) 526-0348
Fax: (858)-526-0548
Customer No. 29062